

Converting Colors

Hex(2E44FF)

Have a look what the booklet for
Hex(2E44FF) contains.

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Color

Hex(2E44FF)

Conversions

Conversions Part 1

Format	Color
Hex	2E44FF
RGB	46, 68, 255
RGB Percent	18%, 27%, 100%
CMY	0.8196, 0.7333, 0.0000
CMYK	0.82, 0.73, 0.00, 0.00
HSL	234°, 100%, 59%
HSV	234°, 82%, 100%
XYZ	21.2438, 11.9351, 95.7918
YIQ	82.7400, -73.1390, 53.4930

Conversions

Conversions Part 2

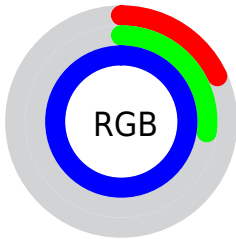
Format	Color
R _Y B	46, 66, 255
Decimal	3032319
CIE Lab	41.11, 57.26, -93.17
CIE LCh	41, 109.359, 301.574
Yxy	11.9351, 0.1647, 0.0925
Android (android.graphics.Color)	4281222399 (0xFF2E44FF)
YUV	82.7400, 84.9242, -32.2210
Hunter-Lab	34.5472, 49.3060, -140.2151

Details

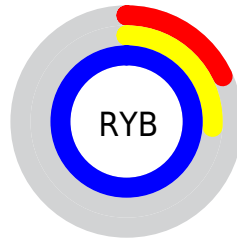
The Hex color **2E44FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFE92E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8276FF**, and **0016C5** is the 20% darker color. If you saturate the color by 10%, you get **152DFF**, and if you desaturate by 10%, it is **485BFF**.

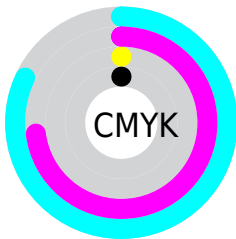
Distribution



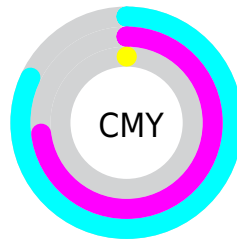
- Red (18%)
- Green (27%)
- Blue (100%)



- Red (18%)
- Yellow (26%)
- Blue (100%)



- Cyan (82%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E44FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E44FF by changing the saturation by 10% instead.

 2E44FF

 2E44FF

FFFFFF

 002CE2

 8276FF

 0016C5

 A390FF

 0002A8

 C4ABFF

 00008D

 E4C7FF

 000772

 FFE3FF

 000D58

 000740

 000329

 000113

■ 2E44FF

■ 2E44FF

■ 152DFF

■ 485BFF

■ 001BFF

■ 6172FF

■ 7B88FF

■ 949FFF

■ AEB6FF

■ C7CDFF

■ E1E4FF

■ FAFBFF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0070FF



2E44FF



C700B9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E44FF



B62F00



007F64

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E44FF



FFE92E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007B00



2E44FF



736000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E44FF



E40007



007400



0081BF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E44FF



E9007E



007400



007E44

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E44FF



BFC6FF



2EFFE7



595D80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E44FF



051FFF



7E2EFF



737480



0014BF



000740

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF2E44



FF051F



AFFF2E



807374



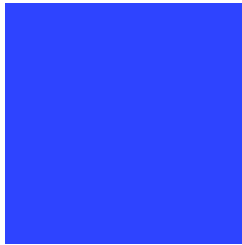
BF0014



400007

Previews

White Background



This preview shows how the Hex color 2E44FF looks on a white background.

Color Contrast Check

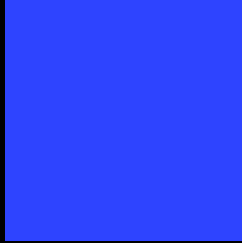
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2E44FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

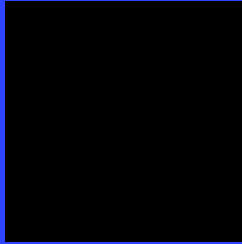
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E44FF Background



This preview shows how black text looks on a background with the Hex color 2E44FF.



This preview shows how white text looks on a background with the Hex color 2E44FF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2E44FF

Protanopia
005CC2

Deuteranopia
0063A6



Tritanopia
006A70

Trichromacy



Original Color
2E44FF



Protanomaly
1153D8



Deuteranomaly
1158C6



Tritanomaly
115CA4

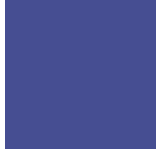
Monochromacy



Original Color
2E44FF



Achromatopsia
535353



Achromatomaly
464E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E44FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E44FF looks like.

```
.text, #text, p{  
    color:#2E44FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E44FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E44FF
}
```

Border

The CSS property to change the border of an element to Hex 2E44FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E44FF }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#2E44FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2E44FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E44FF; -webkit-box-shadow:4px 4px  
4px 4px #2E44FF; box-shadow:4px 4px 4px  
4px #2E44FF }
```

Background

The CSS property to change the background color of an element to Hex 2E44FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E44FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E44FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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